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To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustments should be performed by Black & Decker Service Centers or other qualified service organizations, always using Black & Decker replacement parts. Black & Decker's full two year home use warranty states that, in case of a defect, you may return the tool to the place of purchase for a free replacement (if it is a participating retailer) or you may take it to a Black & Decker Service Center.

Home Use Warranty (A Full Two Year Warranty)

Black & Decker (U.S.) Inc. warrants this product for two years against any defects that are due to faulty material or workmanship. Please return the compete unit, transportation prepaid, to the seller (if a participating retailer) for free replacement (proof of purchase may be required). The unit may also be returned to a Black & Decke Service Center or Authorized Service Station, listed under "Tools, Electric" in the yellow pages for free replacement or repair at our option. This warranty does not apply to accessories. This warranty gives yor specific legal rights and you may have other rights which vary from state to Service Center Manager.

Like most Black & Decker tools, this tool is listed by Underwriters' Laboratories to ensure that it meets stringent safety requirements.

This symbol on the name plate means the product is listed by Underwriters' Laboratories, Inc.

(水) 医连甲角体色成形 电已经发生回转率转换 用脚层将塞缩横圆在外顶地,走上为以前的战斗,走入为了大汉主义之



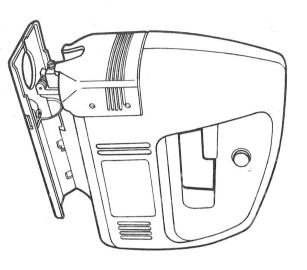


-Yellow Pages-for Service & Sales See 'Tools-Electric'

BLACK & DECKER (U.S.) INC., U.S. Power Tools Group, 10 North Park Drive, P.O. Box 798, Hunt valley, MD 21030-0798 U.S.A.

nstruction Manual

Cordless Jig Saw 9011



a Black & Decker **Gordless Jig Saw.** Thanks for buying

anywhere can forget the electrical outlet, forget the convenience and electrical safety. You very versatile. It offers the ultimate in cord and take your CORDLESS JIG SAW Your new CORDLESS JIG SAW is

take the time to read all the safety rules your new CORDLESS JIG SAW, please For safe and efficient operation of

> outlet. and operating instructions. Be aware that not have to be plugged into an electrical because it is battery powered and does this is always in an operating condition

registration card Don't forget to send in your owner's

Decker. Thanks again for buying Black &



Important Safety Instructions

WARNING: When using Cordless Tools, basic safety precautions should always be followed to reduce risk of fire, shock, and personal injury, including the following:

READ ALL INSTRUCTIONS

- ω KEEP WORK AREA CLEAN. Cluttered areas and benches invite injuries.
 CONSIDER WORK AREA ENVIRONMENT. Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep work area well lit.

 GUARD AGAINST ELECTRIC SHOCK. Prevent body contact with grounded surfaces.
- For example: pipes, radiators, ranges, refrigerator enclosures.
- 4. KEEP CHILDREN AWAY. All visitors should be kept away from work area. Do not let visitors contact tool or extension cord.
- STORE IDLE TOOLS. When not in use, tools should be stored in dry, and high or locked-up place—out of reach of children.
- 6. DON'T FORCE TOOL. It will do the job better and safer at the rate for which it was intended
- USE RIGHT TOOL. Don't force small tool or attachment to do the job of a heavy-duty tree limbs or logs tool. Don't use tool for purpose not intended, for example, don't use circular saw for cutting
- outdoors. Wear protective hair covering to contain long hair.

 9. USE SAFETY GLASSES. Also use face or dustmask if cutting operation is dusty.

 10. SECURE WORK. Use clamps or a vise to hold work. It's safer than using your hand and it DRESS PROPERLY. Do not wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working

- 7. 7
- frees both hands to operate tool.

 DON'T OVERREACH. Keep proper footing and balance at all times.

 MAINTAIN TOOLS WITH CARE. Keep tools sharp and clean for better and safe performance. Follow instructions for lubricating and changing accessories. Keep handles
- 3 dry, clean, and free from oil and grease.

 REMOVE ADJUSTING KEYS AND WRENCHES. Form habit of checking to see that
- keys and adjusting wrenches are removed from tool before turning it on.

 AVOID UNINTENTIONAL STARTING. Don't carry tool with finger on trigger.

 STAY ALERT. Watch what you are doing. Use common sense. Do not operate tool when you are tired
- CHECK DAMAGED PARTS. Before further use of the tool, a guard or other part that intended function. Check for alignment of moving parts, binding of moving parts, breakage damaged should be carefully checked to determine that it will operate and perform its switches replaced by authorized service center. Do not use tool if switch does not turn it center unless otherwise indicated elsewhere in this instruction manual. Have defective part that is damaged should be properly repaired or replaced by an authorized service of parts, mounting, and any other conditions that may affect its operation. A guard or other
- 17. DO NOT OPERATE tools near flammable liquids or in gaseous or explosive atmospheres. Motors in these tools normally spark, and the sparks might ignite fumes

SAVE THESE INSTRUCTIONS FOR FUTURE USE

N

ger & Ji Safety ortant

uctions

is manual contains important e using battery charger, read THESE INSTRUCTIONS and operating instructions. ngs on battery charger and tructions and cautionary

y pack or other device with tharger. DO NOT attempt to le the Jig Saw with any other le any other cordless tool, Charger and Jig Saw are fically designed to work ner. DO NOT attempt to mended in this manual. jer than the one

ic plug and cord, pull by plug r than cord when y charger manufacturer may in a risk of fire, electric duce the risk of damage to nmended or sold by the c, or injury to persons. if an attachment not nnecting charger.

sure cord is located so that not be stepped on, tripped or otherwise subjected to age or stress. Keep cord Š

unless absolutely necessar

tension cord should not be of improper extension cord result in a risk of fire and ric shock. Use only round

from heat.

even if it is severely damaged or is completely worn out. The batteries can explode in a fire. A small leakage of liquid from the

DO NOT incinerate the Jig Saw

NEVER attempt to connect 2 3

locations where the temperature may reach or exceed 105°F such as outside sheds or metal DO NOT store the Tool in buildings in summer). 14

15.

narger as specified in Table 1 ee Table that follows).

hat extension cord is properly

red and in good condition;

hat wire size is large enough

r AC ampere rating of

hat pins on plug of extension ord are the same number,

ision cord must be used,

: sure:

ted extension cords. If

ze, and shape as those of

ug on charger

RECOMMENDED MINIMUM AWG* SIZE FOR EXTENSION CORDS FOR BATTERY CHARGERS Table 1

0									
CALLERY CHARLES		Size of Cord				150	16	14	14
	AWG*		th of		Cord, Feet	100	18	16	16
			Lend	Length of	Cord	20	18	18	18
						52	18	100	8
	AC Input	Rating Amperes**			but less	than	2	က	4
			Equal to	or	greater	than	-	2	က

'American Wire Gauge

given in watts rather than in amperes, the corresponding ampere rating is to be determined by dividing the wattage **If the input rating of a charger is rating by the voltage rating-for example:

=10 amperes 1250 watts 125 volts

it expose charger to rain or

them replaced immediately by a qualified service center. Do not operate charger with

dropped, or otherwise damaged in any way; take it to a qualified Do not operate charger if it has Black & Decker Service Center. received a sharp blow, been 0

Do not disassemble charger; take it to a qualified Black & Decker Service Center when service or reassembly may result in a risk of electrical shock or fire. There are no consumer serviceable parts repair is required. Incorrect

unplug charger from outlet before To reduce risk of electric shock

Chargers together.

extreme usage, charging or temperature conditions. This does

battery cells may occur under

not indicate a failure. However, if

the outer seal is broken and this a. Wash quickly with soap and

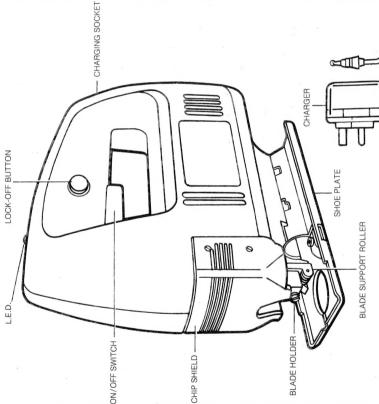
leakage gets on your skin-

DO NOT charge Jig Saw when it or air temperature is BELOW +40°F or ABOVE +90°F.

such as lemon juice or vinegar

Neutralize with a mild acid

water.



(Medical Note: The liquid is a 25-35% solution of potassium c. If battery liquid gets into your eyes, flush them with clean water for a minimum of 10 minutes and seek immediate hydroxide.)

electrical power (120 volts AC only). Do not attempt to use it on operate on standard household The charger is designed to any other voltage! 17.

18. Do not attempt to open the charger or Jig Saw.

Your Cordless Jig Saw can be left permanently on charge. This will not damage the batteries.

Charger Notes moortant Figure 2

the charging socket in rear of jig saw (Figure 2) and plug the charger into a suitable socket. The L.E.D. will light, indicating the batteries are charging. 1. To charge the batteries; locate Charge the batteries for 24 hours the first time or otherwise it will reduce its capacity to accept a full

80% charge. However, after several charge and discharge cycles, the batteries will come up to full. storage, it will only accept about an When you charge your jig saw for the first time, or after prolonged charge in the future. d

temperature below +40°F/5°C or above +90°F. This is important and will prevent serious damaged to the 3. Longest life and best performance can be obtained if the batteries are charged when the air temperature is about +75°F/25°C. DO NOT charge the batteries in an air

hum and become warm to touch. This is a normal condition and does While charging, the Charger may not indicate a problem.

receptacle by plugging in a lamp or other appliance. (2) Check to see if charging, take or send the tool and charger to your local Black & Decker Service Center. See switch which turns power off when properly - (1) Check the current at receptacle is connected to a light receptacle and temperature are the light is turned off. (3) Move surrounding air temperature of o.k., and you do not get proper approximately 75°F. (4) If the If the batteries do not charge Charger and Jig Saw to a guarantee card. 5

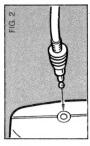
The jig saw should be recharged when it fails to produce sufficient power on jobs which were easily done previously. DO NOT CONTINUE to use under these conditions. Repeat the charging procedure. 9

self discharge. Normal charging will plugged in the batteries may slowly make the jig saw ready for use. 7. If stored without the charger

appear to have reduced capacity. After prolonged storage or repetitive use the batteries may this occurs adopt the following procedure:

the switch on until the motor stops). c) charge for 24 hours - the then hold the jig saw in mid air with (best done by using the jig saw until it no longer cuts easily and a) charge batteries normally
 b) fully discharge the batteries batteries should now have full The approximate charging time for the Cordless Jig Saw is 3 hours.

capacity.

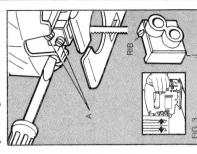


Saw Blade (Figure 3) Attaching the

Do not hold the jig saw by the switch when attaching blades.

applications this saw has a right angle blade clamp. This allows the teeth to angle clamp (J) ensuring that the identification rib is pointing towards the top of the unit. The blade can now marked (A) and then attach the right-To achieve a greater variety of be inserted into its location and the direction. To attach this alternative clamp by removing the two screws clamp, first remove the standard ace left or right from the normal

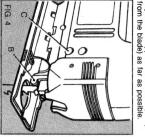
roller must be adjusted away from the on the side of the saw (C) (Figure 4), adjust the roller back as far as it will blade. Loosen the slot headed screw alternative clamp, the blade support clamp fully tightened.
NOTE: When using this go and retighten the screw.



Roller (Figure 4) Blade Support

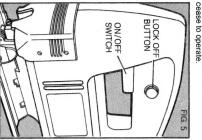
support roller. This improves the cutting performance when the saw is blade support roller so that it LIGHTLY rear of the blade. To do this loosen the slot headed screw on the side of the support roller must be adjusted up to used on tougher materials. Each time the saw blade is changed, the blade Retighten the screw. with the tool running at no load. louches the back of the saw blade saw (C) (Figure 4) and adjust the this saw is also fitted with a blade To provide greater blade support

NOTE: When using a scrolling blade, adjust the Support Roller back (away



Switch Operation (Figure 5)

To operate the tool. First press-in the lock off button (Figure 5), and then pull up the on/off switch. Once the on/off switch is released, the unit will



Shoe (Figure 6) Adjusting the

CUTTING ANGLE

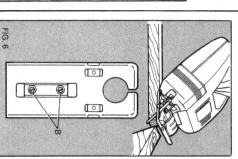
to the shoe. The edge of the motor housing is the line for the required angle. Tighten both screws marked B and then, while applying slight forward pressure on the shoe, retighten the moving it backwards and tightening both screws marked B. To reset the a protractor. For flush cutting the shoe should be locked in the 0° position by cutting to check the angle of cut with Although the set scale on the shoe is accurate for most purposes it is to secure the shoe at that angle. the saw to the required angle relative screws marked B in Figure 6 and tilt The jig saw shoe can be angled relative to the body of the unit from 0°-45° on either side. To achieve this, clamp screws it is approximately 90° to the blade, clamp screws and move the shoe until shoe for a square cut, slacken the advisable, for very accurate angle raise the chip shield, loosen both



FIG. 8

SPLINTER CONTROL

When sawing brittle or thin pieces of wood, splintering can be reduced Figure 6 and move the shoe as far back as it will go. Tighten both screws this, loosen both screws marked B in by moving the shoe to support the wood at the point of cut. To achieve marked B to secure the shoe



Operation

POCKET CUTTING (Figure 9)

Lower the rear of the shoe toward the work maintaining a firm pivoting pressure on the shoe tips with the blade well clear of it. Switch the saw ON and move it in its 'tilted-up' that the rounded tips of the shoe rest measure and clearly mark the surface to be cut. Then tip the saw forward so directly into a wood surface without first drilling a pilot hole (Figure 9) thus eliminating a drilling operation. First ALONG ITS CUT until the saw blade has completely entered the material blade exactly on the line. DO NOT MOVE THE SAW FORWARD exactly over the chosen point of entry position until the moving blade is on the work surface, but with the The saw blade can be inserted

FIG 9

NOTE: When cutting at an angle, always keep the chip shield in the 'up'

shield. To operate the shield, simply press on the front surface and slide it As an added feature, your cordless Jig Saw is fitted with a chip CHIP SHIELD (Figure 7 and 8)

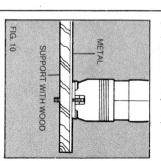
up (Figure /) or down (Figure 8) as far

METAL AND LAMINATED CUTTING (Figure 10)

metal as this will reduce the life of the blade and possibly damage the motor wood backing are sawed together. Do not force the cutting blade into the wood or plywood to the work as this will enable you to obtain a clean cut without vibration and the possibility of cutting light gauge metals such as copper, brass aluminum etc. It is tearing the metal. Both metal and metal to clamp a backing sheet of sof advisable when cutting thin sheet The cordless saw can be used for

job (consult accessory table) before commencing to saw metal.

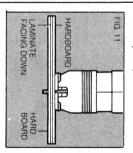
Always select the right blade for the oil along the proposed cutting line to speed up the operation by forcing than cutting even a relatively thick piece of wood, so do not be tempted Cutting thin metal will take longer Spread a thin film of cutting



(Figure 11) **CUTTING LAMINATES**

storage in outside metal buil where the temperature could above +120°F in summer, a could damage the Jig Saw.

cut on the upstroke so any tendency for edge splintering will occur on the right blade for the job (consult sandwich, and saw through the of scrap wood or hardboard to both edges of plastic laminate (such as Formica, Warerite, etc.), clamp a piece minimize the risk of chipping the metal cutting blade and cut from the back surface of the material. To face of the material nearest the saw shoe. When sawing thin wood or accessory table) sides of the laminate to form a plastic laminates use a fine tooth The blades of the cordless saw



10 North Park Drive

Cleaning and Lubrication

seriously damage the plastic. Never let any liquid get inside the tool; never Use only mild soap and a damp cloth to clean the tool. Other cleaners immerse any part of the tool into a contain chemicals which could

in the tool and periodic relubrication is not required. In the unlikely event that this tool should require service, take or send it to your local Black & Decker Service Center. Service Center egistration card packed with your addresses are listed on the owner's Self-lubricating bearings are used

Storage

- The best storage place is one that is cool and dry away from direct furnaces, etc. sunlight, heating pipes and ducts,
- Best storage temperature is approximately +50°F. Do not store where temperatures may go below +40°F or above +90°F. Avoid

Accessories

Long storage will not harm to Saw or Charger. Under the proconditions (given above) the bestored for 5 years or more

listing of service centers is incomented on the owner's registration car packed with your tool. The accessories listed in manual are available at extra Decker Service Center. A com from your local dealer or Black

any accessory, please contact User Services Departmen
U.S. Power Tools Group
P.O. Box 857 If you need assistance in Black & Decker (U.S.) Inc

strongly recommend that you f purchase Safety Glasses which should be worn when using all Cordless Jig Saw Accessories. Attachment might be hazardou your tool are shown in this mar The use of any other Accessor Recommended Accessori Hunt Valley, MD 21030-08

REGULAR CUTTING BLAD

only in the sizes specified belo

following Accessories should I

3½ in. long 3½ in. long 7 or 10 7 teeth per teeth per Rough, straight cuts in wood inch 3½ ir 10 te per ii

Flush wall, joint cut; knife edge SPECIALTY CUTTING BLAI special materials

3½ in. long 7 teeth per inch 3 in, long

RIP FENCE

For straight ripping

Straight or scroll cuts in wood FINISH CUTTING BLADES

3 in. long Cuts through ferrous and non-METAL CUTTING BLADES per inch 3 in, long 10 teeth per inch 3 in. 10 te per ii

32 teeth per inch 3 in, long 24 teeth pe

n

and the shoe comes to rest flat on its